

IN THE CLAIMS

1-2 (canceled)

3 (currently amended): A roller cleaning process ~~[[of]]~~ for a roller oven comprising a series of rollers (21) of which a group of rollers (22) is connected to a flat bloom (40) or similar steel structure, the rotation of each roller (21) can be activated independently of the remaining rollers of the series of rollers (21) by means of activation devices, characterized in that said roller cleaning process comprises the following phases: a) activating the rotation of at least one roller (34) of the at least one group of rollers (22) with a module and/or direction rate which is such as to cause the scraping of at least one roller (34) against the flat bloom (40) so as to remove the flakes of oxide from the at least one roller (34) wherein phase a) comprises the following phases: activating the rotation of at least one roller of the head group of rollers (32) with a rotation direction which opposes the advancing of the flat bloom (40) towards a rolling mill (60); activating the rotation of the remaining rollers of the group of rollers (22) in contact with the flat bloom (40) with a rotation rate which is such as to cause the advancing of the flat bloom (40) in the direction (F) with a lower module rate than that of the at least one roller (34).

4 (canceled)

5 (original): The roller cleaning process according to claim 3, characterized in that said series of rollers (21) comprises a group of rollers (22) in contact with said flat bloom (40), in turn comprising a group of head rollers (32), a group of tail rollers (31) and a group of central rollers (33), and in that said phase a) comprises the following phases: b) activating the rotation of the group of head rollers (32) with a rotation rate which is such as to allow

the flat bloom (40) to advance in the direction (F); c) activating the rotation of the group of tail rollers (31) and the group of central rollers (33) with a lower module rate than that of the group of head rollers (32) and with the same rotation direction:

6 (original): The roller cleaning process according to claim 5, characterized in that phase c) of the cleaning process envisages: activating the group of central rollers (33) and the group of tail rollers (31) with the same module and direction rotation rate.

7 (original): The roller cleaning process according to claim 5, characterized in that phase c) of the cleaning process envisages: activating the group of central rollers (33) with a lower module rate than that of the group of head rollers (32); activating the group of tail rollers (31) with a lower module rate than that of the group of central rollers (33).